

Amendments to the Specification:

Please amend the specification as follows:

A second substitute specification with paragraph numbers is attached and marked “Second Substitute Specification.” Also attached is a clean copy of the Second Substitute Specification incorporating the amended paragraphs listed below.

[0015] Technically this is achieved by a corresponding client/server architecture with ~~a least~~ at least one central application repository server keeping copies of application programs that can be downloaded on-demand into the user’s terminals.

[0049] Before a user can use any of the services he has to authenticate himself by providing his UID ① (and related password/PIN) to the Service Merchant. In the case of a permanently connected PC this can be done by clicking on a corresponding button. In the case of a laptop or a mobile communication device, this can be done automatically when it gets connected to the Network Access Point.

[0050] After the UID (dark gray triangle) has been verified ② , it is mapped to the corresponding Service Profile of the user. The Service Profile (light gray blobs) represents the user’s personalized applications bundle compiled from the total set of available applications (dark gray blobs) in the Application Repository. Via the Service Profile the user can create his very personal VHE. The provide is not static but can be customized and administered by the user directly from his intelligent terminal.

[0051] Based on the information in the user’s Service Profile, the User Service Merchant identifies a subset of the applications available ③ in the Application Repository. The identified subset (circled dark gray blobs) is the personalized bundle of user services.

[0052] The final step ⁽⁴⁾ is to download the selected bundle of applications over the network into the user's intelligent terminal. The Java software technology was designed with exactly this download capability of programs in mind. Related issues such as platform independence, efficiency and security when transmitting code over a network area are an integral part of the Java design. Together with its increasing availability in intelligent terminals, this makes Java the prime candidate to support the type of architecture for the delivery of user services discussed in this document.

[0057] The virtual machine has to be ported to each supported terminal only once. To the applications the virtual machine looks the same ~~on~~ on all supported terminals.

[0061] Today, Internet Telephony is still lacking the elaborate set of supplementary services offered by the Intelligent Network (IN) approach in the Global Switched Telephone Network (GSTN). Internet Telephony is mainly used to provide an analogy for telephony over the ~~CSN~~ GSTN.

[0062] ~~Fig. 5~~ Fig. 6 shows a minimal configuration by which Internet Telephony (and, in particular, Microsoft (MS) NetMeeting) calls are arranged.